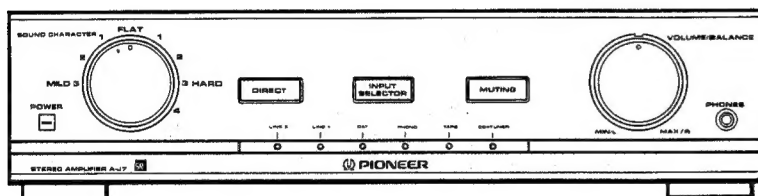


Operating Instructions
Mode d'emploi
Bedienungsanleitung
Istruzioni per l'uso
Gebruiksaanwijzing
Bruksanvisning
Manual de instrucciones
Manual de instruções

A-J7

STEREO AMPLIFIER
AMPLIFICATEUR STEREO
STEREOVERSTÄRKER
AMPLIFICATORE STEREO
STEREO-VERSTERKER
STEREOFÖRSTÄRKARE
AMPLIFICATORE STEREO
AMPLIFICADOR ESTEREOFONICO



English

Français

Deutsch

Italiano

Nederlands

Svenska

Español

Português

WARNING: TO PREVENT FIRE OR SHOCK HAZARD,
DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT 1



The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user of the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:

TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT 2

If the apparatus is fitted with AC mains power outlet(s), see REAR PANEL FACILITIES for convenient connection of additional Hi-Fi component(s). Make all connections to the AC outlet(s) and the signal terminals first. Connect the plug to the wall socket last, make sure that the power switch is off.

FOR USE IN THE UNITED KINGDOM

The wires in this mains lead are coloured in accordance with the following code:

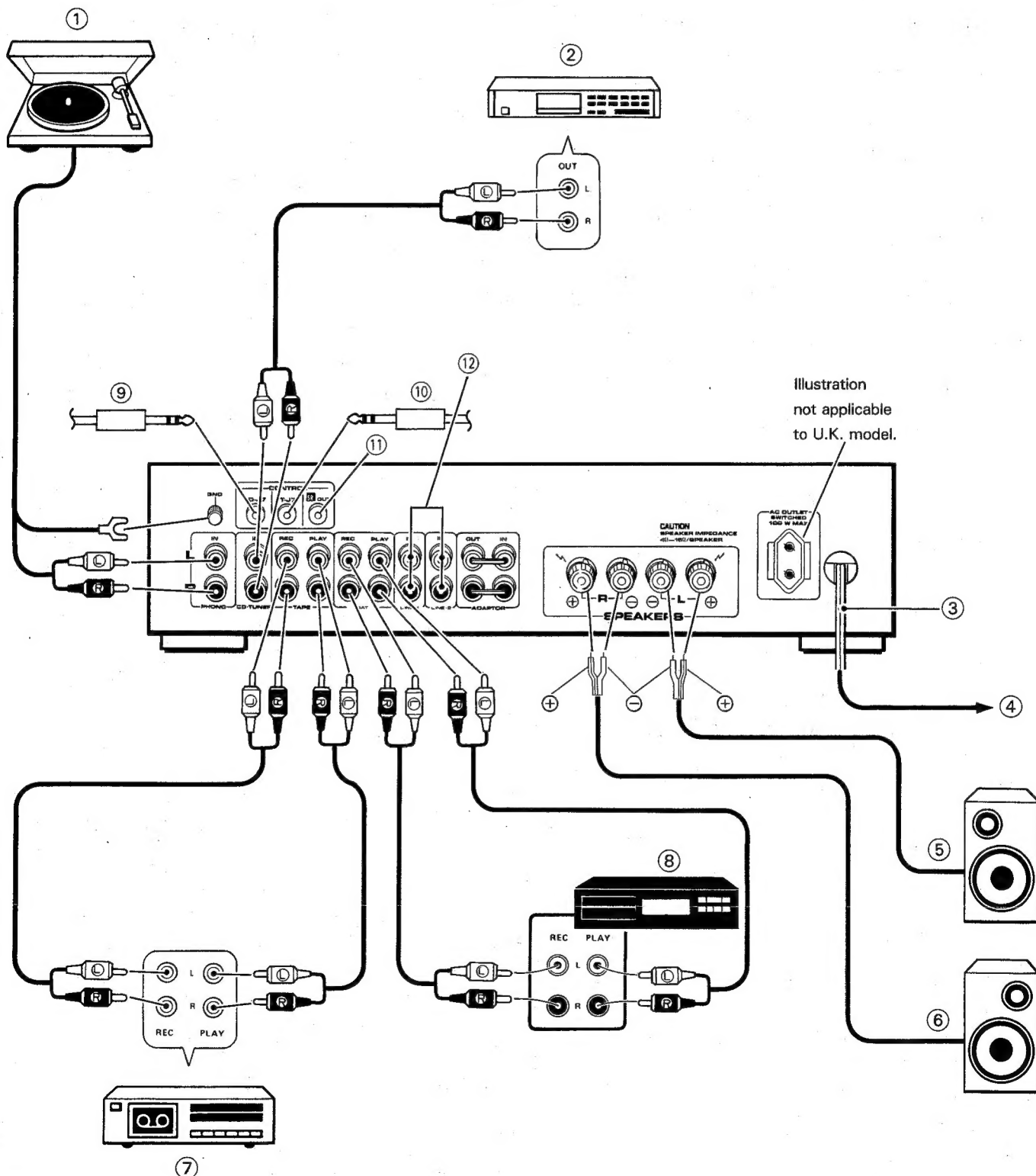
Blue: Neutral
Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured marking identifying the terminals in your plug proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Equipment sold in the U.K. is not supplied with a power plug.



"This product complies with the Radio Interference requirements of the EC (European Community) Directive 87/308/EEC."

Thank you for buying this PIONEER product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.

In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

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SPECIFICATIONS

Amplifier Section

DIN continuous power output (both channels driven)	
1 kHz, 1 %, 4 Ω	50 W + 50 W
Continuous power output (both channels driven)	
20 Hz to 20 kHz, T.H.D. 0.1 % 4 Ω	35 W + 35 W
Total harmonic distortion*	
1 kHz, 25 W, 4 Ω	0.008 % *
Input (sensitivity)	
PHONO	2.5 mV
CD•TUNER	200 mV
DAT, LINE 1, LINE 2, TAPE PLAY, ADAPTOR IN	150 mV
Overload Level	
PHONO 1 kHz, 0.1 %	70 mV
Output Level	
TAPE REC, ADAPTOR OUT	150 mV
Frequency Response	
PHONO 20 Hz to 20 kHz	± 0.5 dB
CD•TUNER, DAT, LINE 1, LINE 2, TAPE PLAY, ADAPTOR IN	
10 Hz to 100 kHz	$\pm \frac{1}{3}$ dB
Muting	$-\infty$
Signal-to-Noise Ratio (IHF Short circuited, A network)	
PHONO	71 dB
CD•TUNER, DAT, LINE 1, LINE 2, TAPE PLAY, ADAPTOR IN	
.....	96 dB**

Miscellaneous

Power Requirements	
U.K., model	a.c. 240 Volts, 50/60 Hz
European model	a.c. 220 Volts, 50/60 Hz
Power consumption	
U.K., model	360 W
European model	350 W
Dimensions	360 (W) x 355 (D) x 90 (H) mm
Weight	6.5 kg

Accessories

Operating Instructions	1
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• Specifications and design subject to possible modification without notice due to improvements.

* Measured By Audio Spectrum Analyzer.

** Measured with the DIRECT switch set to on.

LOCATION

Install the amplifier in a well ventilated location where it will not be exposed to high temperature or humidity.

Do not install the amplifier in a location which is exposed to direct rays of the sun, or near to hot appliances or radiators. Excessive heat can adversely affect the cabinet and internal components. Installation of the amplifier in a damp or dusty environment may result in malfunction or accident. (Also avoid installation near cookers etc., where the amplifier may be exposed to smoke from oil, steam or heat.)

CONNECTIONS



Components to be connected (See page 2.)

- ① Turntable
- ② CD player or tuner (FD-J7 etc.)
- ③ Power cord
- ④ To AC outlet
- ⑤ Speaker system (L)
- ⑥ Speaker system (R)
- ⑦ Cassette deck
- ⑧ Digital audio tapedeck
- ⑨ To stereo CD tuner (FD-J7)*
- ⑩ To Double cassette deck (T-J7)*

* Connect here when using only the T-J7 and/or FD-J7.

When using the T-J7 or FD-J7, be sure to connect here. You can then use such functions as auto function and A.S.E.S. (Auto Synchro Editing System).

⑪ OUT jack (only when using the FD-J7)

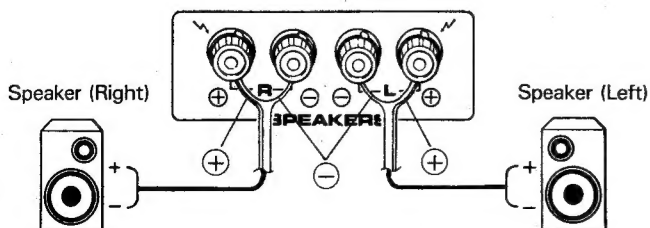
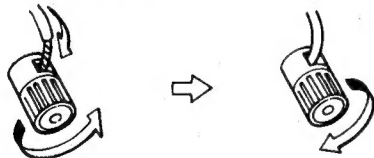
Connect to the CONTROL IN jack of a component bearing the  mark. If you connect to another Pioneer component bearing the  mark, remote control is possible by pointing the component's remote control unit at the FD-J7 CD tuner and operating. This unit cannot receive remote control signals.

⑫ LINE terminals (Other audio devices)

CONNECTING THE SPEAKERS

Connect a speaker system with an impedance level of 4 to 16 ohms.

1. Remove the vinyl insulation and twist the wire.
2. Unscrew the terminal, and push the wire into the hole.
3. Tighten the terminal to fix the wire.

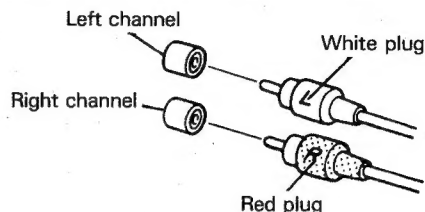


NOTE:

Make sure cord wires connected to the terminals do not stick out and touch other wires. If this occurs, the component may malfunction.

CONNECTING INPUT/OUTPUT CORDS

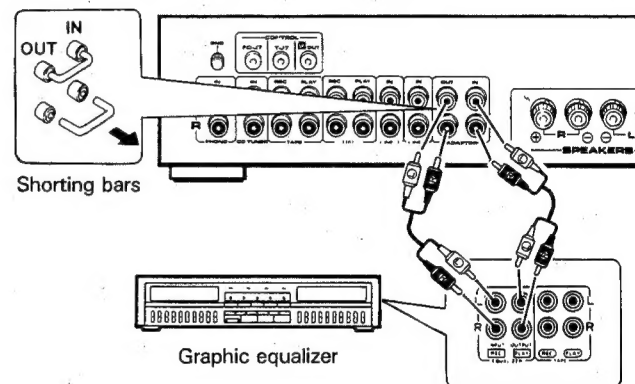
Connect the white plug to the L (left) side, and the red plug to the R (right) side. Be sure to insert the plugs securely.



CONNECTION OF A GRAPHIC EQUALIZER OR AN AUDIO ADAPTOR

NOTE:

Remove the shorting bars only when connecting a graphic equalizer to ADAPTOR terminals. Always keep the bars inserted while the terminals are not in use, and take care not to lose them.



CONNECTING THE POWER CORD

If you use it in conjunction with the FD-J7 stereo CD tuner, connect to the FD-J7's power outlet.

AC OUTLET (SWITCHED)

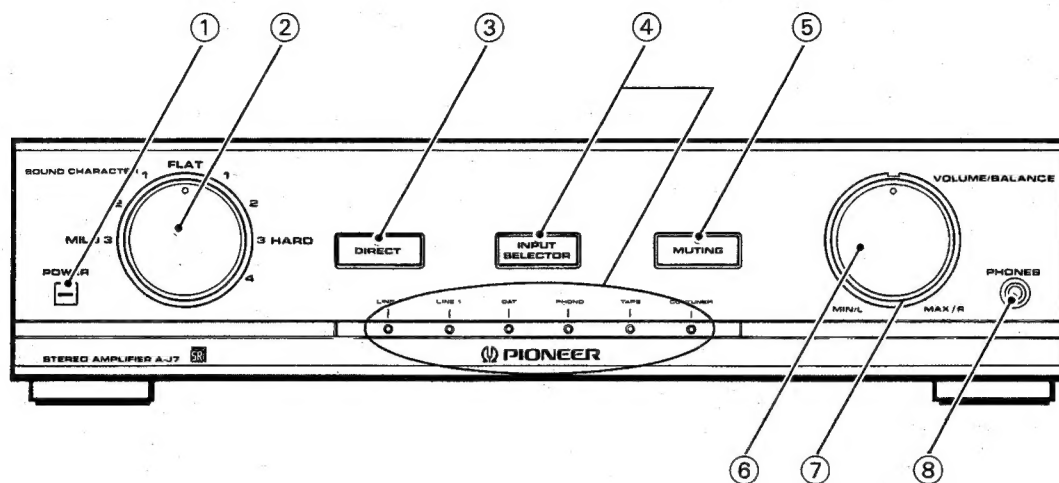
Power supplied through this outlet is turned on and off by the amplifier's POWER switch. Total electrical power consumption of connected equipment should not exceed 100 W.

NOTE:

- Do not connect appliances with high power consumption such as heaters, irons, or television sets to the AC OUTLET in order to avoid overheating or fire risk.
- When using the T-J7 Double cassette deck, connect the T-J7's power cord.

PANEL FACILITIES

[FRONT PANEL]



① POWER switch

On: When set to the on position, power is supplied and the unit becomes operational.

Off: When in the off position, power flow is cut and the unit is turned off.

When the FD-J7 is connected to other components, it acts as the main power supply for the system. The FD-J7's remote control unit can be used to switch power to the system on and off.

② SOUND CHARACTER

Select your desired tone setting from MILD 1 to 3, FLAT, and HARD 1 to 4.

NOTE:

This control does not operate when DIRECT switch is in the on position.

③ DIRECT switch/indicator

On (Indicator lights):

The input signal does not pass through sound adjusting circuitry such as sound character or balance, so it is more faithfully reproduced.

Off (Indicator goes out):

In this position, you can switch sound character and adjust balance.

NOTE:

When this is on, sound character switching, balance adjustment, and the use of components connected to the adaptor jack are impossible.

④ INPUT SELECTOR switch/indicators

Each time you press the switch, the source changes in the order LINE 2, LINE 1, DAT, PHONO, CD•TUNER. Press the required number of times to select your desired source.

⑤ MUTING switch/indicator

On (Indicator lights):

Press when you want to temporarily cut sound.

Off (Indicator goes out):

When you press it again, sound returns to its original level.

- When recording using a timer in conjunction with the FD-J7 and T-J7, muting automatically switches on during timer recording.

⑥ VOLUME control

Use to adjust the volume level.

⑦ BALANCE control

Ordinarily, leave it in the center position. Adjust left and right balance when necessary.

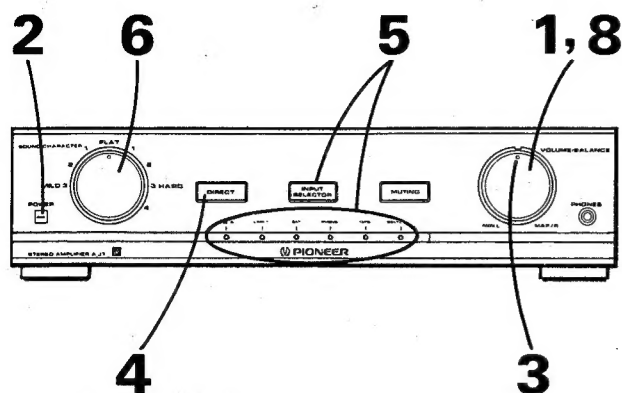
NOTE:

This control does not operate when the DIRECT switch is in the on position.

⑧ PHONES jack

When using headphones, insert the plug into this jack. The output to the speakers is cut automatically when connecting headphones.

OPERATIONS



BEFORE BEGINNING OPERATIONS

1. Turn **VOLUME** knob fully to the left, to the MIN position.
2. Switch **POWER** on.
 - If interconnected with the CD-tuner (FD-J7), this unit's power will not turn on unless the CD-tuner's power is on.
3. Turn **BALANCE** knob to the center position.
4. Select your desired position with **DIRECT** switch.
 - When it is on, you cannot switch sound character, make balance adjustments, or use a component connected to the adaptor jack.

PLAYBACK PROCEDURES

5. Select the source with the input selector switch.
 - To listen to the tuner or a CD, switch to CD•TUNER.
 - To listen to a tape on cassette deck, select TAPE.
 - If you want to listen to a record, select PHONO.
 - For playback from a DAT deck, select DAT.
 - Select LINE to enjoy playback from other audio components.

OPERATION (Play)

The Auto Function

When used in combination with the FD-J7 CD tuner and the T-J7 cassette deck, this unit's INPUT SELECTOR switches automatically when the CD•Tuner or deck are operated.

- If you press the CD tuner CD play key or the tuner band key, it switches to CD•TUNER.
- If you press the cassette deck play key, it switches to TAPE.

6. Selecting **SOUND CHARACTER (Tone mode)**

You can select any one of the eight available modes, MILD 1 to 3, FLAT, HARD 1 to 4, to get just the sound you want. Sound character divides the full range of frequencies into three frequency bands. Changing the levels of these bands creates a variety of tonal effects.

MILD3



This boosts mid-range frequencies while cutting low-range frequencies. Ideal when listening to news programs.

MILD2



This boosts mid-range frequencies, making it ideal for vocal sources.

MILD1



This has the same characteristics as MILD2 and MILD3, but by shifting the phase, it acts as a wide mode to give you a sound with a more spacious feel.

FLAT

This is the flat position which gives you sound unaltered by equalization adjustments.

HARD1

By boosting low-range frequencies, this gives you a rich bass sound even in rooms that tend to absorb low frequency sounds. Like MILD1, it acts as a wide mode.

HARD2

This strongly boosts low-range frequencies to give you a powerful bass sound. Particularly useful when you are using small speakers.

HARD3

This boosts both low-range and high-range frequencies to give you a good sound even when listening at low volume levels. Equivalent to Loudness.

HARD4

The same as HARD3, but providing much stronger boost characteristics. Equivalent to Loudness.



7. Starting Play

Operate the desired component to start play.

8. Adjust volume level with **VOLUME** control.

NOTE:

If **MUTING** is on, there will be no sound.

Make sure **MUTING** indicator is off.

RECORDING TO AUDIO TAPE

Record to the cassette deck connected to the TAPE jacks.

(For cassette deck operation, refer to the deck's operation manual.)

1. Select the source to record from with the Input Selector switch.

(Select a source other than TAPE).

2. Operate the cassette deck to begin recording.

NOTE:

Recording via an adaptor connected to ADAPTOR jack is not possible.

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used. If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest PIONEER authorized service center or your dealer to carry out repair work.

Symptom	Probable Cause	Remedy
There's no power	<ul style="list-style-type: none">• The power plug is connected to the power outlet of another component, such as a timer, and power to the other component (FD-J7) is switched off.	<ul style="list-style-type: none">• Switch on the power to the other component (FD-J7)
There's no sound	<ul style="list-style-type: none">• Cords are incorrectly connected• The input selector switch is not in the appropriate position for the component being operated• Operation of other components is incorrect• Muting is on• When you are using an adaptor, the adaptor power is switched off	<ul style="list-style-type: none">• Connect correctly• Make sure the input selector switch is in the correct position.• Refer to the operation manuals of other components• Switch off• Switch adaptor power on
<ul style="list-style-type: none">• Sound character and balance have no effect• There's no sound when the adaptor is used	<ul style="list-style-type: none">• DIRECT switch is on	<ul style="list-style-type: none">• Switch it off
You can't record to tape	<ul style="list-style-type: none">• Connections are incorrect• Incorrect operation of the cassette deck	<ul style="list-style-type: none">• Connect properly• Refer to the cassette deck's operation manual
There's no sound from one speaker	<ul style="list-style-type: none">• The connecting cord on one side has come loose• The balance knob is turned all the way to one side	<ul style="list-style-type: none">• Connect correctly• Turn the knob to the center position

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

MAINTENANCE OF EXTERNAL SURFACES

- Use a polishing cloth or dry cloth to wipe off dust and dirt.
- When the surfaces are very dirty, wipe with a soft cloth dipped in some neutral cleanser diluted five or six times with water, and wrung out well, and then wipe again with a dry cloth. Do not use furniture wax or cleaners.
- Never use thinners, benzene, insecticide sprays and other chemicals on or near this unit, since these will corrode the surfaces.

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